



WHAT IS CLAIMED IS:

1. A transformed soybean plant cell containing a nucleic acid molecule that comprises in the 5' to 3' direction:
a promoter having a nucleic acid sequence that is at least 94% identical to SEQ ID NO: 1;
operably linked to a structural nucleic acid sequence;
wherein the promoter is heterologous with respect to the structural nucleic acid sequence.
2. The transformed soybean plant cell of claim 1, wherein the promoter is at least 95% identical to SEQ ID NO: 1.
3. The transformed soybean plant cell of claim 2, wherein the promoter is at least 99% identical to SEQ ID NO: 1.
4. The transformed soybean plant cell of claim 3, wherein the promoter is SEQ ID NO: 1.
5. The transformed soybean plant cell of claim 1, wherein the structural nucleic acid sequence encodes a protein selected from the group consisting of gamma methyltransferase, phytol prenyltransferase, beta-ketoacyl-CoA synthase, fatty acyl-CoA reductase, fatty acyl CoA:fatty alcohol transacylase, anthranilate synthase, threonine deaminase, acetohydroxy acid synthase, aspartate kinase, dihydroxy acid synthase, aspartate kinase, dihydropicolinate synthase, thioesterase, 7S α ' seed storage protein, 11S seed storage protein, glycinin, beta-conglycinin, phaseolin, maize globulin-1, maize zeins, seed albumin, and seed lectin.
6. The transformed soybean plant cell of claim 1, wherein the nucleic acid molecule further comprises a 5' leader sequence.

7. The transformed soybean plant cell of claim 6, wherein the 5' leader sequence is selected from the group consisting of Arcelin-5 5', dSSU 5', PetHSP70 5', and GmHSP17.9 5'.
8. The transformed soybean plant cell of claim 1, wherein the nucleic acid molecule further comprises a 3' untranslated region.
9. The transformed soybean plant cell of claim 8, wherein the 3' untranslated region is selected from the group consisting of Arcelin-5 3', NOS 3', E9 3', ADR12 3', 7S α ' 3', 11S 3', and albumin 3'.
10. The transformed soybean plant cell of claim 1, wherein the promoter expresses the structural nucleic acid sequence in an amount greater than 2.5% (w/w) of the total cellular RNA or protein.
11. The transformed soybean plant cell of claim 10, wherein the promoter expresses the structural nucleic acid sequence in an amount greater than 5% (w/w) of the total cellular RNA or protein.
12. The transformed soybean plant cell of claim 11, wherein the promoter expresses the structural nucleic acid sequence in an amount greater than 10% (w/w) of the total cellular RNA or protein.
13. A transgenic soybean plant containing a nucleic acid molecule that comprises in the 5' to 3' direction:
a promoter having a nucleic acid sequence that is at least 94 % identical to SEQ
ID NO: 1;
operably linked to a structural nucleic acid sequence;



wherein the promoter is heterologous with respect to the structural nucleic acid sequence.

14. The transgenic soybean plant of claim 13, wherein the promoter is at least 95% identical to SEQ ID NO: 1.
15. The transgenic soybean plant of claim 14, wherein the promoter is at least 99% identical to SEQ ID NO: 1.
16. The transgenic soybean plant of claim 15, wherein the promoter is SEQ ID NO: 1.
17. The transgenic soybean plant of claim 13, wherein the structural nucleic acid sequence encodes a protein selected from the group consisting of gamma methyltransferase, phytyl prenyltransferase, beta-ketoacyl-CoA synthase, fatty acyl-CoA reductase, fatty acyl CoA:fatty alcohol transacylase, anthranilate synthase, threonine deaminase, acetohydroxy acid synthase, aspartate kinase, dihydroxy acid synthase, aspartate kinase, dihydropicolinate synthase, thioesterase, 7S α ' seed storage protein, 11S seed storage protein, glycinin, beta-conglycinin, phaseolin, maize globulin-1, maize zeins, seed albumin, and seed lectin.
18. The transgenic soybean plant of claim 13, wherein the nucleic acid molecule further comprises a 5' leader sequence.
19. The transgenic soybean plant of claim 18, wherein the 5' leader sequence is selected from the group consisting of Arcelin-5 5', dSSU 5', PetHSP70 5', and GmHSP17.9 5'.
20. The transgenic soybean plant of claim 13, wherein the nucleic acid molecule further comprises a 3' untranslated region.

21. The transgenic soybean plant of claim 20, wherein the 3' untranslated region is selected from the group consisting of Arcelin-5 3', NOS 3', E9 3', ADR12 3', 7S α ' 3', 11S 3', and albumin 3'.
22. The transgenic soybean plant of claim 13, wherein the promoter expresses the structural nucleic acid sequence in an amount greater than 2.5% (w/w) of the total cellular RNA or protein.
23. The transgenic soybean plant of claim 22, wherein the promoter expresses the structural nucleic acid sequence in an amount greater than 5% (w/w) of the total cellular RNA or protein.
24. The transgenic soybean plant of claim 23, wherein the promoter expresses the structural nucleic acid sequence in an amount greater than 10% (w/w) of the total cellular RNA or protein.